

ABSTRACT

A digitally controlled device is provided to interface between a user of adjustable power unit and an adjustable power module, where the user provides an analog user input signal for adjusting the performance of the adjustable module using a user defined standard. The digitally controlled device provides the adjustable power module an analog input signal adapted to the standard used by the module. The digital controller device for controlling adjustable power module that comprises at least one analog to digital converter for converting analog user input signal to digital input, a micro-controller adapted to receive the input digital information and operate at least one digital to analog unit in response to the digital input information and at least one digital to analog converter unit adapted to produce analog input signal for controlling adjustable module.